

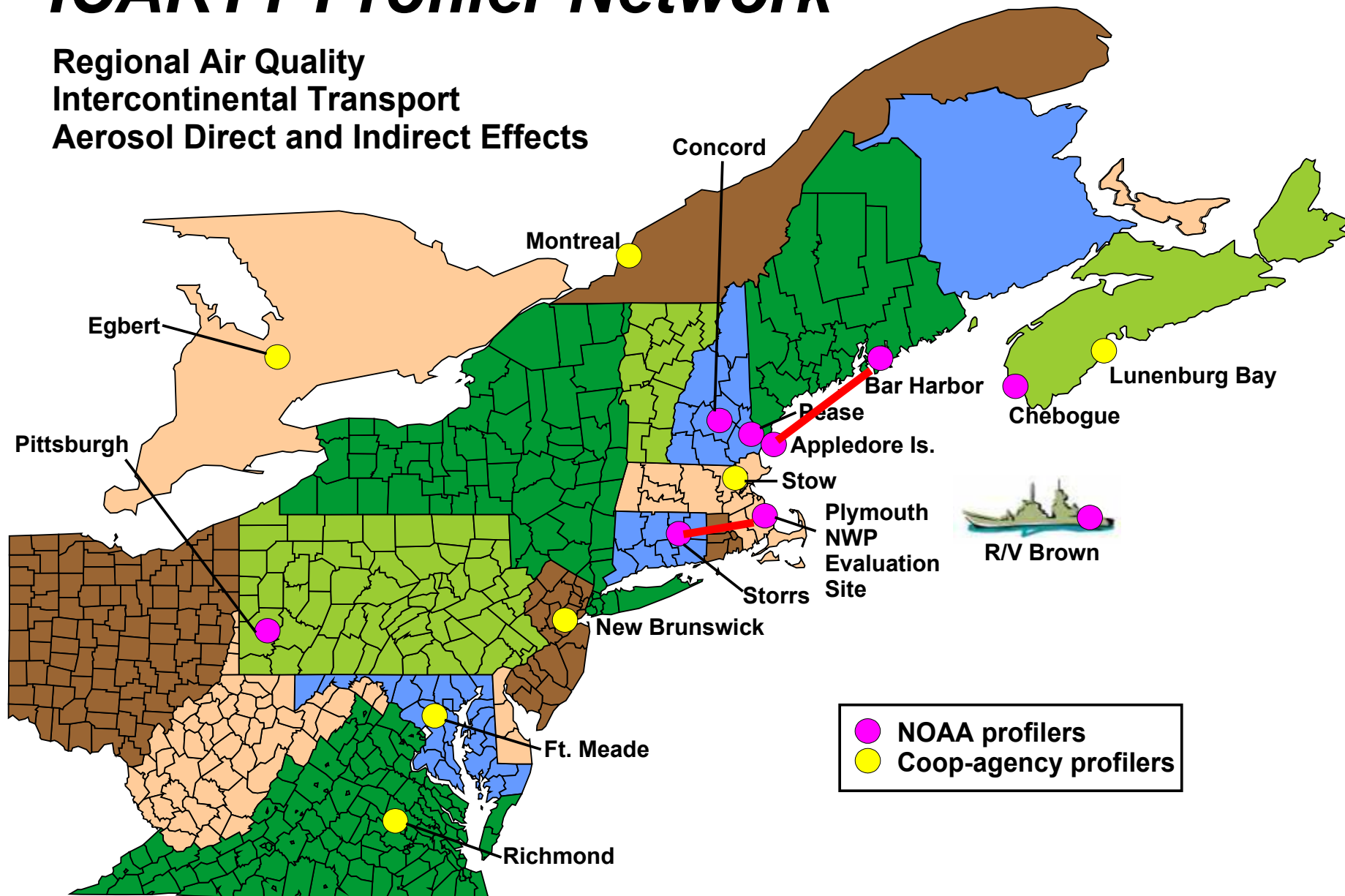
# **An Update on the NOAA-COOP Agency Profiler Network for ICARTT**

Allen White  
(NOAA/ETL)



# ICARTT Profiler Network

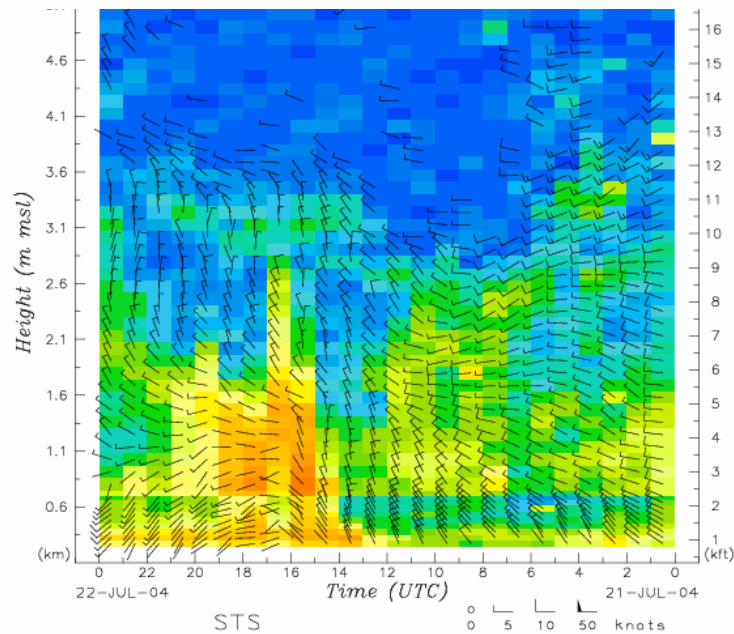
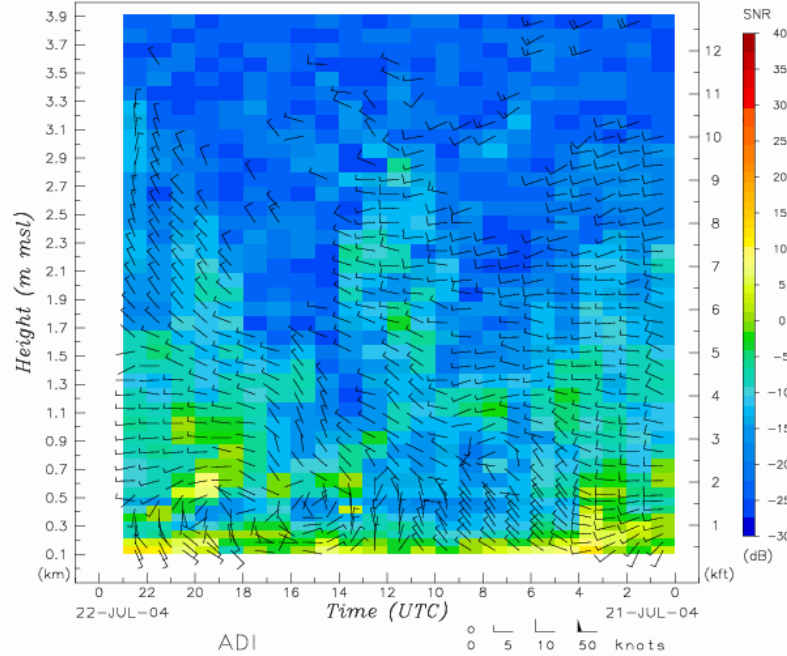
Regional Air Quality  
Intercontinental Transport  
Aerosol Direct and Indirect Effects





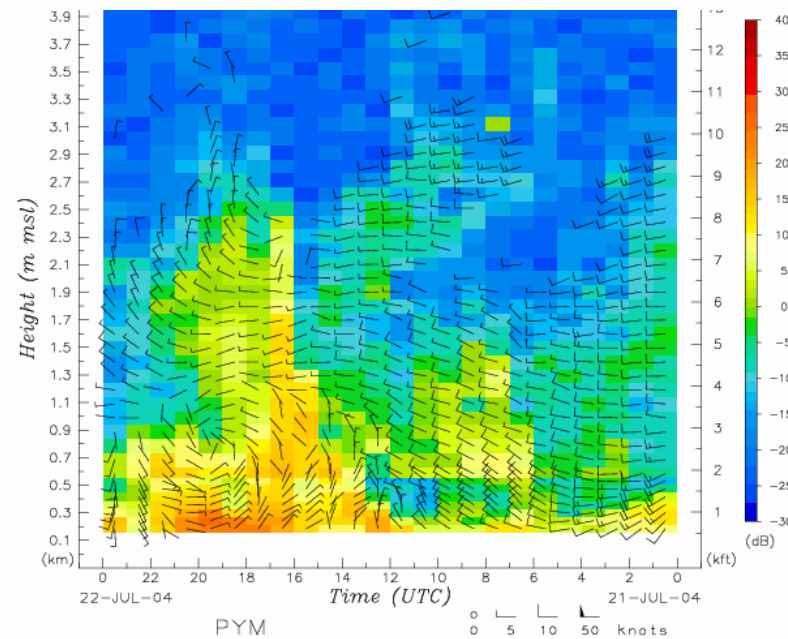
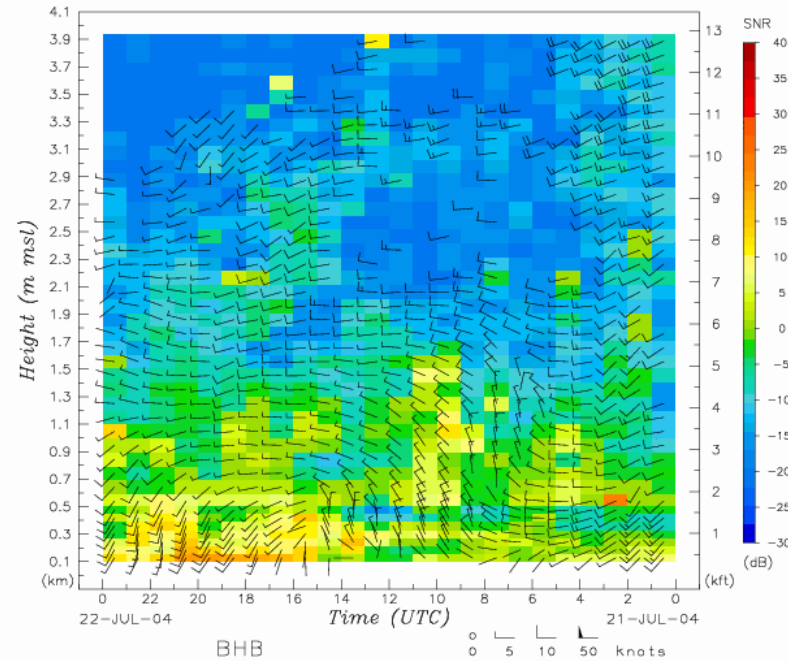
# Environmental Technology Laboratory Boundary Layer Wind Profiler Studies

Data provided by the NOAA Environmental Technology Laboratory



# Environmental Technology Laboratory Boundary Layer Wind Profiler Studies

Data provided by the NOAA Environmental Technology Laboratory



# ICARTT International Consortium for Atmospheric Research on Transport and Transformation

[Home](#)[Field Operations](#)[Study Coordination](#)[Research Areas](#)[Participants](#)[Calendar](#)[Newsroom](#)[Outreach](#)

## Research Areas

- [Regional Air Quality](#)
- [Intercontinental Transport](#)
- [Radiation Balance](#)

## Mobile Platforms

## Surface Networks

## Measurement Comparison

## Satellites

## Forecasts

## Model Forecast Comparison

## Emission Mapviewer



## Surface Networks

"ICARTT Surface Networks provides links to web sites that contain information concerning the various surface sites and surface networks that will be operated in support of the ICARTT 2004 field study.

[AIRMAP - 24 hour data](#)

[ETL Profiler Network](#)

[Surface Network locations and data links web tool](#)

[GoMoos buoy data and forecasts](#)

[National Data Buoy Center](#)

[NEAQS-ITCT 2004 Chebogue Point Ground Site](#)

[NASA INTEX-NA Ozone sonde Network Study \(IONS\)](#)

[Pico, Azores](#) (standard icartt user password required)

[Home](#) | [Field Operations](#) | [Study Coordination](#) | [Research Areas](#) | [Participants](#) | [Calendar](#) | [Newsroom](#) | [Outreach](#) |



NOAA's Atmospheric Research Campaign  
Combining Climate Change and Air Quality Research

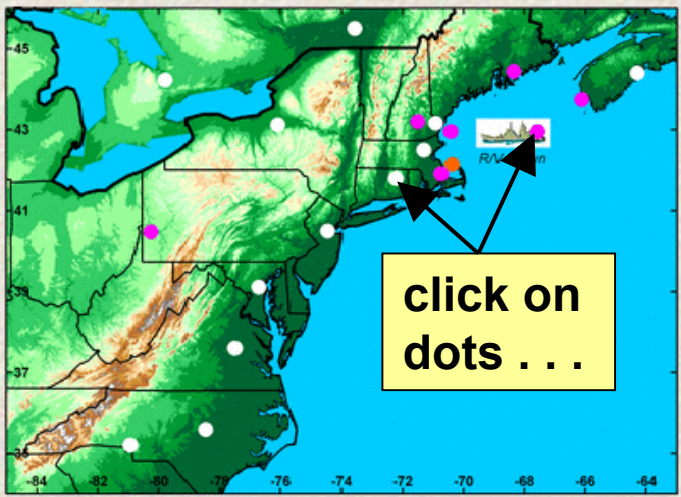
[NOAA Research Aeronomy Laboratory webmaster](#)



# Northeast US

clickable site map

Click on site location to display images.



- ETL Profiler/RASS/Met
- Other Agency Profiler
- 20-m Tower/Flux Site

## Links

- [New England High Resolution Temperature Program \(NERTP\)](#)
- [International Consortium for Atmospheric Research on Transport and Transformation \(ICARTT\)](#)
- [Data/Image Archive](#)
- [West Coast US Clickable Map](#)
- [ETL Data/Image Library](#)

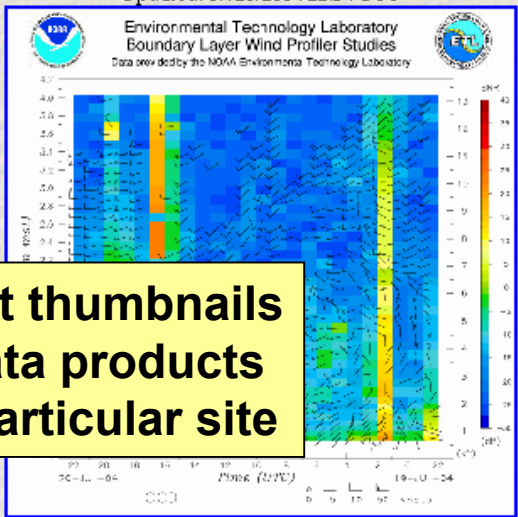
# Concord

Data provided by the NOAA Environmental Technology Laboratory

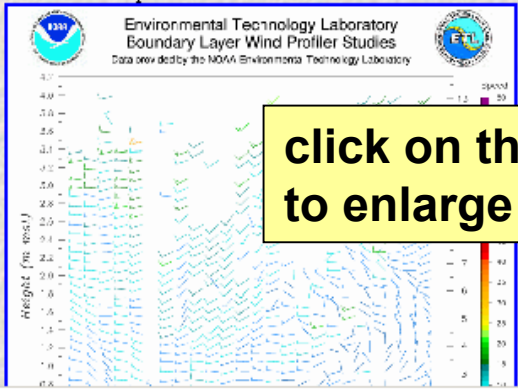
[Signal to Noise Ratio](#) | [Wind Barb](#) | [Virtual Temperature](#) | [Virtual Potential Temperature](#) | [Surface Meteorology](#)

Click on image to display full size.

Updated: 07/20/2004 22:34 UTC



Updated: 07/20/2004 22:34 UTC



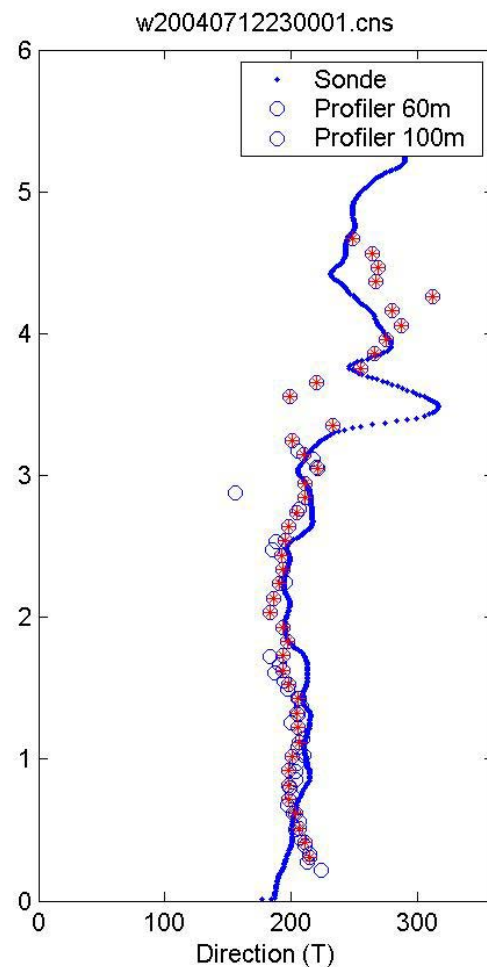
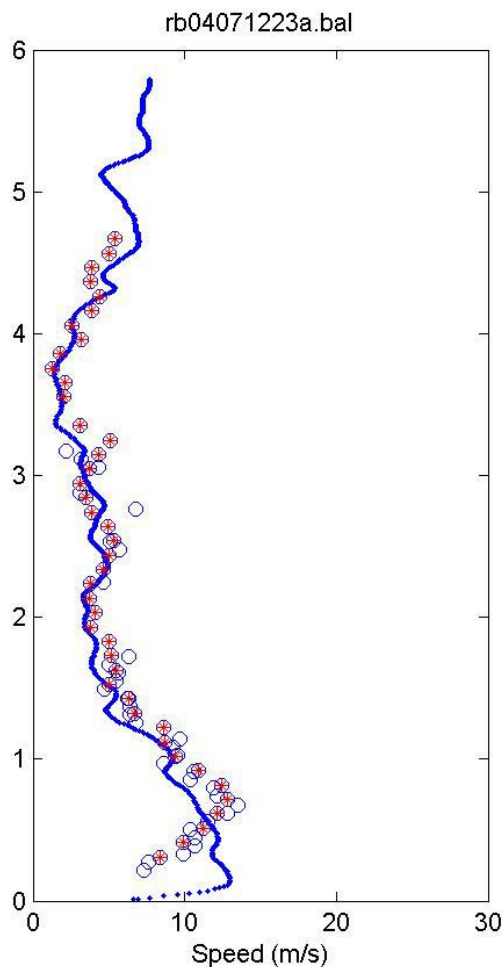
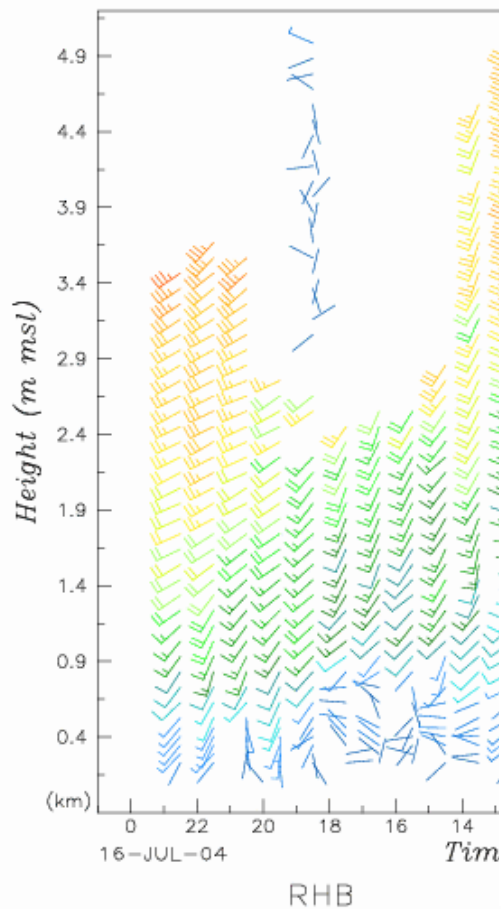
# R/V Brown Profiler

# Profiler-Sonde Intercomparison



## Environmental T Boundary Layer

Data provided by the NOAA E

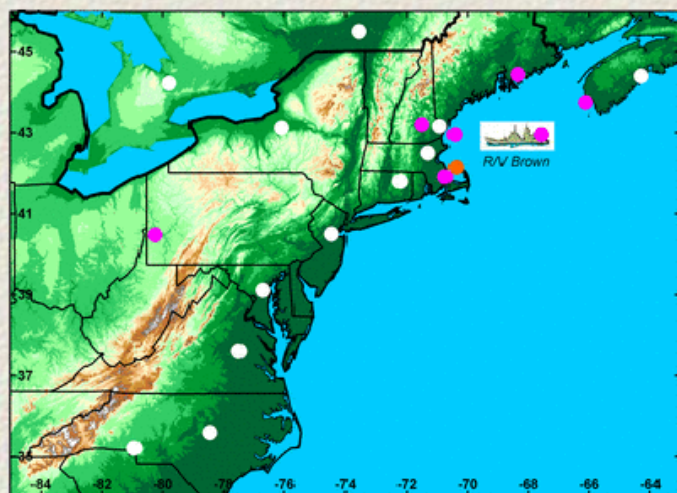




## Northeast US

clickable site map

Click on site location to display images.



● ETL Profiler/RASS/Met  
● Other Agency Profiler  
● 20-m Tower/Flux Site

### Links

[New England High Resolution Temperature Program \(NERTP\)](#)

[International Consortium for Atmospheric Research on Transport and Transformation \(ICARTT\)](#)

[Data/Image Archive](#)

[West Coast US Clickable Map](#)

[ETL Data/Image Library](#)



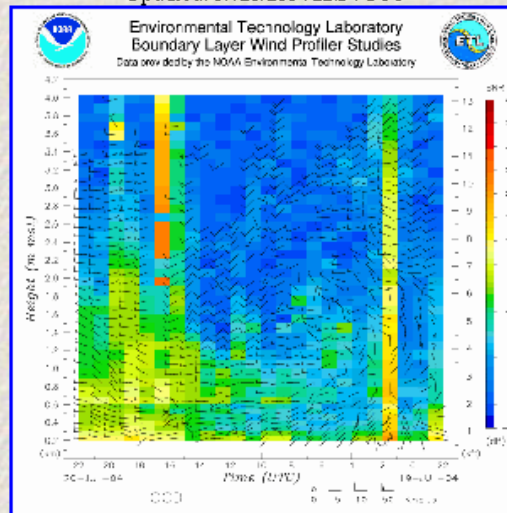
## Concord

Data provided by the NOAA Environmental Technology Laboratory

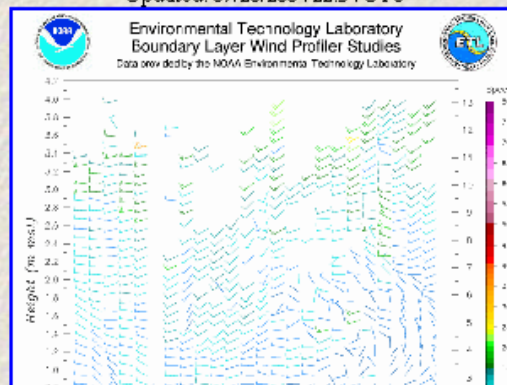
[Signal to Noise Ratio](#) | [Wind Barb](#) | [Virtual Temperature](#) | [Virtual Potential Temperature](#) | [Surface Meteorology](#)

Click on image to display full size.

Updated: 07/20/2004 22:34 UTC



Updated: 07/20/2004 22:34 UTC




[Commerce](#) / [NOAA](#) / [OAR](#) / [ERL](#) / [ETL](#) / [Meteorology](#) / [Data](#)

## Regional Weather and Climate Applications Division



### DATA AND IMAGE LIBRARY

PAGE CREATED: Jul 22, 2004 [22:18 GMT] (DAY = Thu, JDAY = 204)

 DISCLAIMER: These data have not been edited and should be considered preliminary. These data cannot be published without permission from the [Environmental Technology Laboratory](#).

click on an individual dot to see a specific data product from a particular site

**Green:** available

**Red:** not available

#### Clickable Site Maps


[US West Coast](#)

[US Northeast](#)

Site Table (click on colored dots to view images)

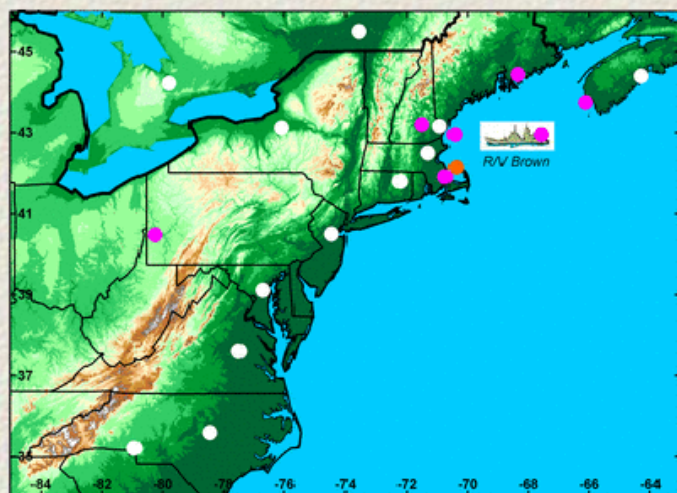
Site			Latest (24 hour) GIF Images				
NAME	STATE	ID	RADAR		RASS		IN-SITU
			SNR	Winds	Virtual Temp	Virtual Theta	Time Series
<a href="#">Appledore Island</a>	ME	adi	●	●	●	●	●
<a href="#">Astoria</a>	OR	ast	●	●	●	●	●
<a href="#">Erie (915MHz)</a>	CO	bao	●				
<a href="#">Erie (3 GHz)</a>	CO	bac	●				
<a href="#">Bar Harbor</a>	ME	bhb	●	●	●	●	●
<a href="#">Chebogue</a>	NS	cbe	●	●	●	●	●
<a href="#">Charlotte</a>	NC	cha	●	●	●		
<a href="#">Chico</a>	CA	cco	●	●	●	●	●



## Northeast US

clickable site map

Click on site location to display images.



● ETL Profiler/RASS/Met  
● Other Agency Profiler  
● 20-m Tower/Flux Site

### Links

[New England High Resolution Temperature Program \(NERTP\)](#)

[International Consortium for Atmospheric Research on Transport and Transformation \(ICARTT\)](#)

[Data/Image Archive](#)



[West Coast US Clickable Map](#)

[ETL Data/Image Library](#)

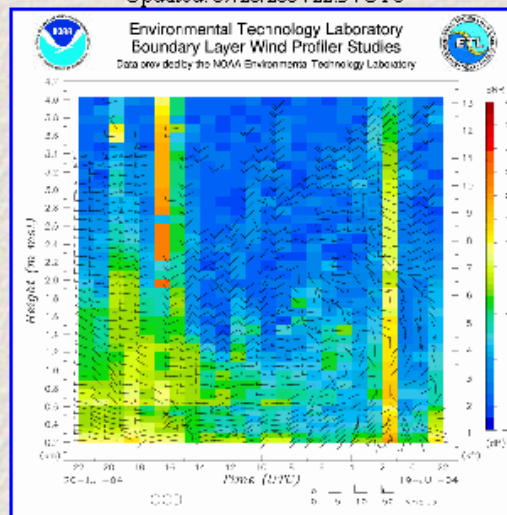
## Concord

Data provided by the NOAA Environmental Technology Laboratory

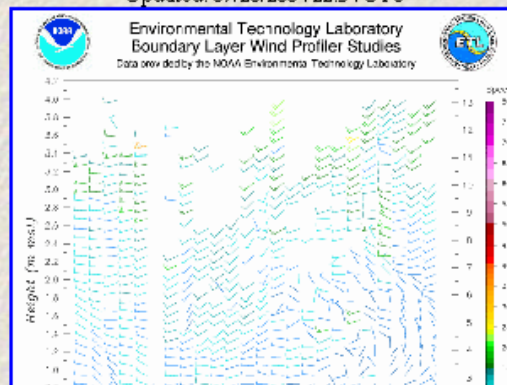
[Signal to Noise Ratio](#) | [Wind Barb](#) | [Virtual Temperature](#) | [Virtual Potential Temperature](#) | [Surface Meteorology](#)

Click on image to display full size.

Updated: 07/20/2004 22:34 UTC



Updated: 07/20/2004 22:34 UTC





[Commerce](#) / [NOAA](#) / [OAR](#) / [ERL](#) / [ETL](#) / [Meteorology](#) / [Data](#)

## Regional Weather and Climate Applications Division



### Unedited Data/Image Request Form

Year :  Month :  Day :

**enter date**

Real-Time Image/Data Type:

Appledore Island,ME (adi) Wind Barb Image

**choose site and  
data product  
(images and ASCII  
data are available)**

Display Image/Data



[ASCII Data Formats](#)

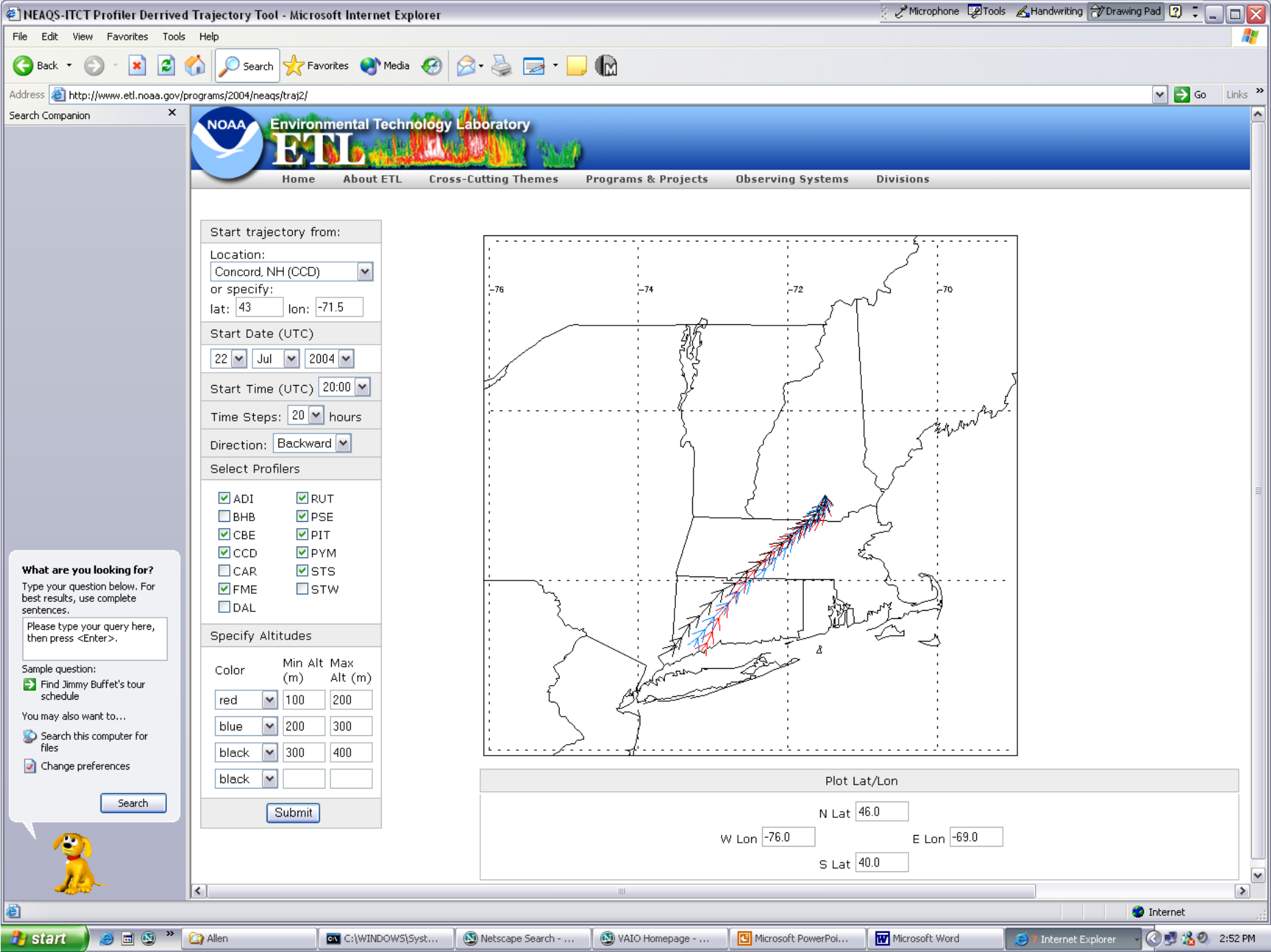
#### Related Links:

[Back to the Realtime Data and Image Library](#)

[Meteorological Applications & Assessment Division \[Home Page\]](#)

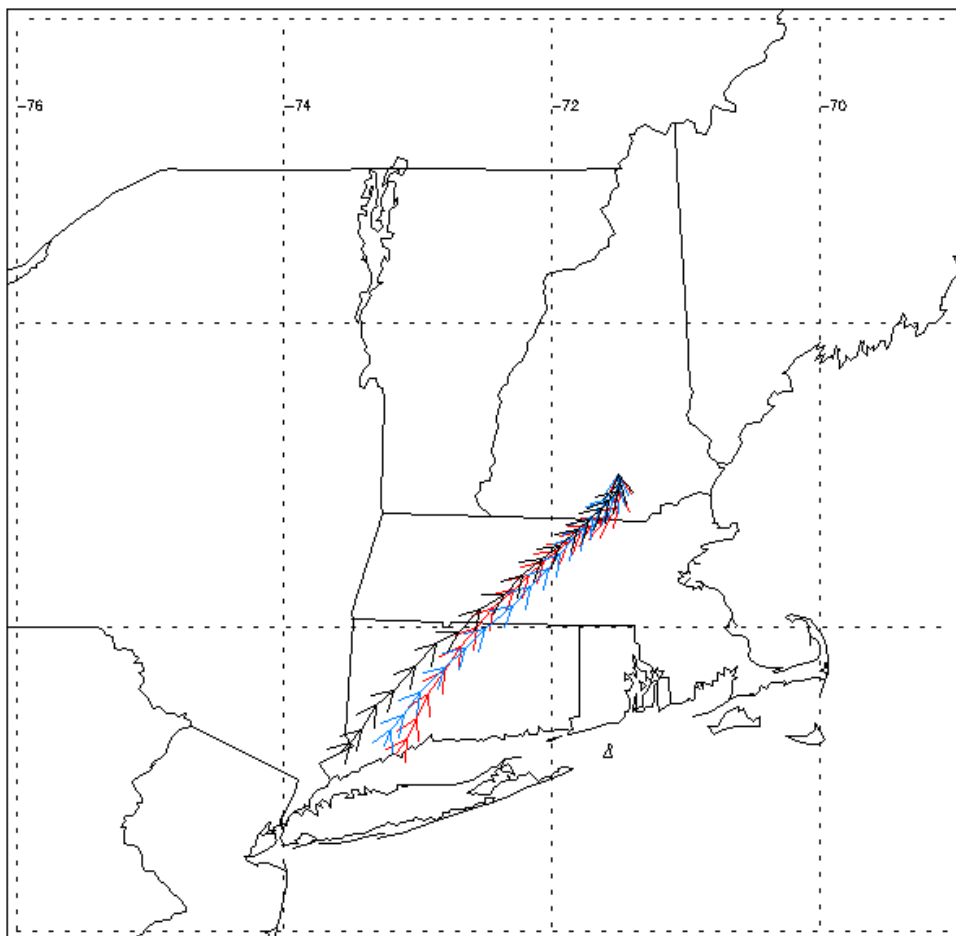
[Environmental Technology Laboratory \[Home Page\]](#)



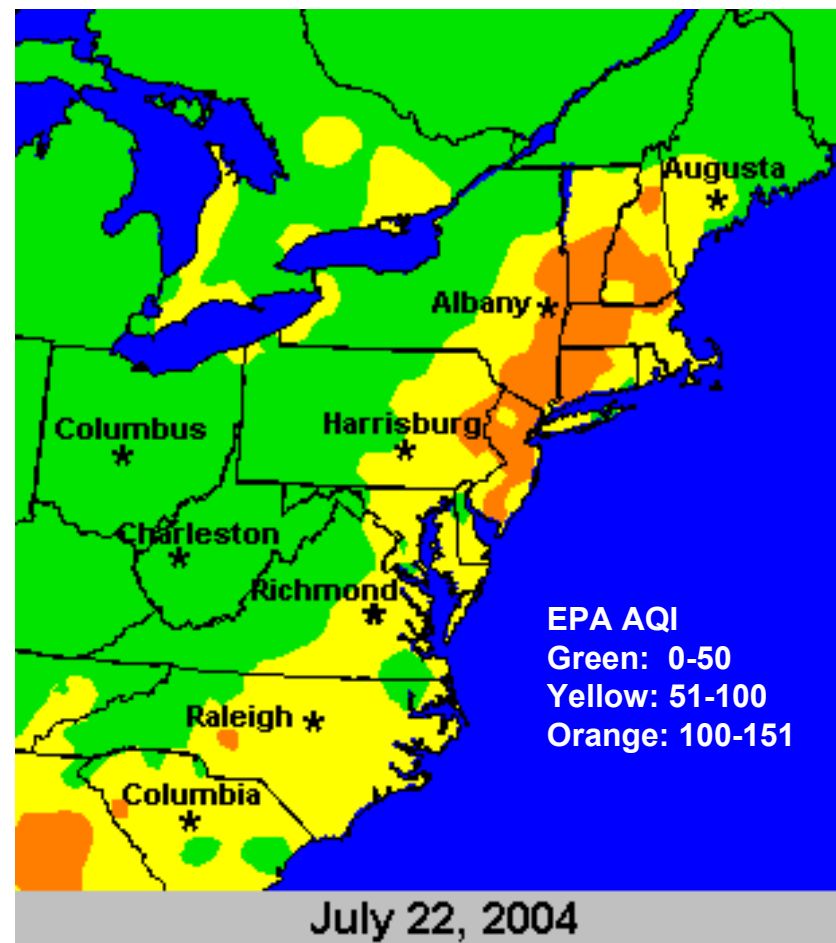




20-hr profiler back trajectories (100-400 m)  
ending at 20:00 UTC on July 22



EPA Airnow Air Quality Index



The New England High Resolution Temperature Program (NEHRTP) site At Plymouth, MA now has a surface ozone sensor, thanks to Eric Williams and colleagues at NOAA/AL.

